

Rewrite the claims as follows:

Claims 1-29 canceled.

30. (Amended) A method of determining and providing radio signals and data relating to radio signals receivable at an actual receiving site, comprising the steps of:

~~utilizing local~~ determining data relating to the actual receiving site in a radio system, wherein receiving sites in a given receiving area are covered by at least one transmitter;

utilizing, for determining data about radio signals receivable at the actual receiving site, at least one first list containing different data blocks about different radio signals receivable in principle in the given receiving area, each different data block having associated therewith a unique program identifier;

~~associating at least one signal with the data in the at least one first list and relating to radio signals transmitted by the at least one transmitter;~~

utilizing, based on the data relating to the actual receiving site, at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks about the radio signals actually receivable in the ~~and data in the at least one first list relating to such radio signals, said at least one second list containing for a given partial area of the receiving area, the data blocks being included in the first list and not in the second list the signals associated with the data relating to radio signals receivable in the partial area;~~ and

directly providing on the basis of the data blocks included in the first list and associated with the unique program identifiers included in the second list, provided a radio signal selected from all of the radio signals actually receivable at the actual receiving site.

31. (Amended) The method of claim 30, further in which the step of

~~determining data relating to the actual receiving site comprising the step of~~
~~comprises~~ determining and utilizing ~~as~~ local data derived from local
coordinates of the actual receiving site.

32. (Amended) The method of claim ~~34~~ 30, ~~in which the step of~~
~~determining data relating to the actual receiving site comprises determining~~
~~and utilizing further comprising the step of determining the local data by~~
means of radio signals actually receivable at the receiving site.

33. (Amended) The method of claim 30, wherein the data blocks of the
first list relating about the different radio signals in principle receivable within
the receiving area covered by at least one transmitter ~~is are~~ transmitted by
the at least one transmitter.

34. (Amended) The method of claim 33, further comprising the step of
storing in a receiver the data blocks relating to radio signals in principle
~~receivable in a receiving area covered by the at least one transmitter on the~~
first list.

35. (Amended) The method of claim 34, further comprising the step of
exchanging only ~~information~~ data stored in the receiver which is affected by
changes of radio signals receivable within a receiving area covered by ~~the~~ at
least one transmitter.

36. (Original) The method of claim 30, wherein the data in the at least
one first list receivable as a function of the actual receiving site is transmitted
by the at least one transmitter.

37. (Amended) The method of claim 36, further comprising the step of
storing in a receiver the data in the at least one first list receivable as a
function of the actual receiving site.

38. (Original) The method of claim 37, further comprising the step of exchanging, when changing from a first receiving site to a new receiving site, only data relevant to the new receiving site which differs from data relating to the first receiving site.

39. (Amended) The method of claim 30, further comprising the steps of actualizing the data relating to radio signals receivable ~~in~~ at a receiving site covered by at least one transmitter in one transmission cycle and of repeatedly actualizing data relating to radio signals in the at least one first list and receivable as a function of the actual receiving site.

40. (Amended) The method of claim 30, wherein ~~the~~ a plurality of second local lists containing for ~~a different~~ a given partial ~~area~~ areas of the receiving area the signals associated with the radio signals receivable ~~in~~ at the partial ~~area~~ areas are compiled to a single list.

41. (Amended) The method of claim 30, further comprising the steps of determining, from a plurality of second local lists, the second local list valid for an actual receiving site by ~~local~~ the data determined in the step of determining ~~relating to the actual receiving site~~ and of selecting, with the at least one second local list ~~and using the unique program identifiers~~, from the at least one first list the data blocks relating to all radio signals receivable at the actual receiving site.

42. (Amended) The method of claim 30, ~~in which the at least one first list includes further comprising the step of associating numbers as signals unique program identifiers associated with to the different data blocks relating to radio signals receivable in principle in a receiving area covered by at least one transmitter, whereby wherein the at least one second local list also includes is compiled of sequences of the numbers as the unique program identifiers.~~

43. (Amended) The method of claim 42, wherein the data blocks relating ~~to radio signals receivable in principle within a receiving area covered by at least one transmitter~~ and the associated numbers of at least one first list are transmitted by the at least one transmitter.

44. (Amended) The method of claim 42, wherein the data blocks relating ~~to radio signals receivable in principle within a receiving area covered by at least one transmitter~~ and the associated numbers of the at least one first list are stored in a receiver.

45. (Amended) The method of claim 30, wherein the data in the at least one first second local list of radio signals receivable as a function of the actual receiving site are transmitted by the at least one transmitter as sequences of numbers.

46. (Amended) The method of claim 30, wherein the data in the at least one first second local list of radio signals receivable as a function of the actual receiving site are stored in a receiver.

47. (Amended) The method of claim 30, wherein the data blocks in the at least one first list relating ~~to radio signals in principle receivable in a receiving area covered by at least one transmitter and the data relating to radio signals in the at least one first list receivable as a function of the actual receiving site~~ include frequency bands, channels and frequency blocks in addition to at least one of a currently received frequency band, channel and frequency block.

48. (Amended) The method of claim 30, in which the step of determining data on the actual receiving site further comprising comprises the step of at least approximately determining the actual receiving site by one of utilizing identification signals relating to the transmitter site transmitted by the at least one transmitter and a phase comparison hyperbolic position fixing process.

49. (Amended) The method of claim 30, further comprising the step of determining data relating to the actual receiving site by a satellite navigation system.

50. (Amended) The method of claim 30, wherein the same radio signals are receivable at each site within a partial area associated with a the at least one second local list and pertaining to a receiving area covered by the at least one transmitter.

51. (Original) The method of claim 30, wherein for an actual receiving site in a partial area transmitters transmit the data relating to radio signals receivable in the partial area and an adjacent area.

52. (Amended) The method of claim 30, wherein for an actual receiving site in a partial area the data relating to radio signals receivable in the partial area and an adjacent area are stored in a storage of a receiver at the actual receiving site.

53. (Amended) The method of claim 52, wherein during change from a receiving site to a further receiving site in an adjacent partial area data relating to receivable radio signals in the adjacent partial area are stored and data relating to radio signals in partial areas no longer adjacent to the further receiving site are removed from the storage.

54. (Original) The method of claim 53, further comprising the step of utilizing data relating to directional movement prior to arrival at the further receiving site for accelerating the exchange of data in the storage.

55. (Amended) The method of claim 30, wherein the radio ~~signal~~ signals in the radio system comprise at least one of receivable program signals, types of programs and transmitters.

56. (Amended) The method of claim 30, wherein the data blocks in the at least one first list relating to radio signals in principle receivable in a receiving area covered by the at least one transmitter is are compiled in a single first list.

57. (Amended) An apparatus for determining and providing radio signals and data relating to radio signals receivable at an actual receiving site by the utilization of local data in a radio system, comprising:

means for determining data relating to radio signals in principle receivable in a receiving area covered by at least one transmitter; the data including at least one first list containing different data blocks relating to different radio signals receivable in principle in a given receiving area, each different data block having associated therewith a unique program identifier ~~the data and at least one identifying signal associated in the at least one list with the data relating to the radio signal transmitted by the at least one transmitter;~~

means for selectively switching between an automatic and a manual determination of data relating to the actual receiving site;

first a storage means for storing at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only containing identifying signals associated with the data relating to radio signals receivable in a given partial area of a receiving area;

control means for selecting from the at least one first list on the basis of the unique program identifiers included in the at least one second list associated with the local data and identifying signals from the first storage all valid data blocks from the at least one first list, which relate ~~relating~~ to radio signals receivable at an actual receiving site; and

means for indicating the data blocks from the at least one first list valid

for the actual receiving site.

58. (Canceled)

59. (Original) The apparatus of claim 57, wherein the storage is a random access memory (RAM).

60. (Amended) The apparatus of claim 57, further comprising one of an antenna and a further storage for receiving and storing the data blocks in the at least one first list relating to radio signals in principle receivable in a receiving area covered by the at least one transmitter.

61. (Amended) The apparatus of claim 57, wherein the principle ~~further comprising~~ means for indicating is manually controllable and comprises at least one of a video or and audio display.

62. (New) An apparatus for determining and providing radio signals and data relating to radio signals receivable at an actual receiving site, comprising:

means for determining data relating to the actual receiving site in a radio system, wherein receiving sites in a given receiving area are covered by at least one transmitter;

means for utilizing, for determining data relating to radio signals receivable at the actual receiving site, at least one first list containing different data blocks relating to different radio signals receivable in principle in the given receiving area, each different data block having associated therewith a unique program identifier;

means for utilizing, based on the data relating to the actual receiving site, at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second local list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different

data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only; and

means for directly providing on the basis of the data blocks included in the first list which are associated with the unique program identifiers included in the second local list, a radio signal selected from all the radio signals actually receivable at the actual receiving site.

63. (New) A method of determining and providing radio signals and data relating to radio signals receivable at an actual receiving site by the utilization of local data in a radio system, comprising the steps of:

determining data relating to radio signals in principle receivable in a receiving area covered by at least one transmitter, the data including at least one first list containing different data blocks relating to different radio signals in principle receivable in a given receiving area, each different data block having associated therewith a unique program identifier;

selectively switching between an automatic and a manual determination of data relating to the actual receiving site;

storing at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only;

selecting from the at least one first list on the basis of the unique program identifiers included in the at least one second list associated with the local data valid data blocks from the at least one first block, which relate to radio signals receivable at the actual receiving site; and

indicating the data blocks from the at least one first list valid for the actual receiving area.

64. (New) The method of claim 57, in which the radio signals are digital radio signals.